SAMPLING PLAN AND RATIONALE

TOUCHSTONE PROPERTIES (LAD981910706)
HACKBERRY, CAMERON PARISH, LOUISIANA

SAMPLE NUMBER	SAMPLE LOCATION AND RATIONALE
1	Medium concentration water sample collected from Pit 1, near the breach. **Rationale:** To document the pit as a source of waste material and to ascertain whether contaminant are migrating off-site through the breach.
2	Medium concentration sediment sample collected from Pit 1, near the breach. **Rationale:** To document the pit as a source of waste material and to determine if sinker contaminants exist within the pit.
3	Medium concentration water sample collected from south end of Pit 1. **Rationale:** To determine if the contaminants are distributed throughout the pit.
4	Medium concentration sediment sample collected from south end of Pit 1. **Rationale:** Same as Sample No. 3.
5	Low concentration water sample collected from Pit 2. **Rationale:** To determine if hazardous constituents are present within the pit and to document the pit as a source of waste material.
6	Low concentration sediment sample collected from Pit 2. **Rationale:** Same as Sample No. 5.
7	Low concentration sediment sample collected from the adjacent pond. **Rationale:** To determine if hazardous constituents within Pit 1 have overflowed the beam and entered the pond.
8	Low concentration surface soil sample collected from the overflow material of Pit 1. **Rationale:** To determine if hazardous constituents from Pit 1 have been released into the surface soil.

SAMPLING PLAN AND RATIONALE

TOUCHSTONE PROPERTIES (LAD981910706)
HACKBERRY, CAMERON PARISH, LOUISIANA

SAMPLE NUMBER	SAMPLE LOCATION AND RATIONALE
9	Low concentration sediment sample collected at the point of entry into the adjacent drainage ditch. **Rationale:** To determine if hazardous constituents have entered the surface water migration pathway. QA/QC
10	Low concentration sediment sample collected where drainage ditch on Pete Seay Circle Road merges with drainage ditch on Spur 604. **Rationale:** To determine if hazardous constituents entering the adjacent drainage ditch have migrated along the surface water migration pathway.
11	Low concentration sediment sample collected in turn of drainage ditch (Spur-603). **Rationale:** To determine if hazardous constituents have pooled in this section of overland segment of the surface water pathway.
12	Low concentration sediment sample collected north of second culvert, prior to entering low-lying area. **Rationale:** To extend overland surface water migration pathway.
13	Low concentration sediment sample collected at point of entry into Kelso Bayou. **Rationale:** To determine if an observed release to the surface water migration pathway can be documented.
14	Low concentration sediment sample collected in the drainage ditch upgradient of Pit 1. **Rationale:** To determine if contaminants are being introduced to the drainage ditch upgradient of Pit 1.
15	Low concentration sediment sample collected upgradient of the first culvert. **Rationale:** To determine if contaminants are being introduced to the drainage ditch upgradient of the first culvert.

SAMPLING PLAN AND RATIONALE

TOUCHSTONE PROPERTIES (LAD981910706)
HACKBERRY, CAMERON PARISH, LOUISIANA

SAMPLE NUMBER	SAMPLE LOCATION AND RATIONALE
16	Low concentration sediment sample collected in drainage ditch adjacent to road leading to Texaco building. **Rationale:** To determine if other contaminants are being introduced to the overland segment of the surface water migration pathway upgradient of the low lying area.
17	Low concentration sediment sample collected in drainage ditch upgradient of the second culvert (collects run-off from Highway 27). **Rationale:** To determine if contaminants are being introduced to the overland segment upgradient of the second culvert.
18	Low concentration sediment sample collected at same location as Station 9. **Rationale:** Serve as CLP duplicate sample for the soil/sediment matrix.
19	Low concentration sediment sample collected at same location as Station 13. **Rationale:** Serve as a CLP duplicate sample for the soil/sediment matrix.
20	Low concentration surface water sample collected upgradient of the site. **Rationale:** To establish background surface water parameters.
21	Low concentration surface water sample collected at the same location as Station 5. **Rationale:** To serve as the water matrix duplicate sample.
22	Low concentrations drinking water well sample collected from Hackberry Well #1. **Rationale:** To determine if hazardous constituents attributed to the site have entered the Hackberry water supply. QA/QC.

SAMPLING PLAN AND RATIONALE

TOUCHSTONE PROPERTIES (LAD981910706)
HACKBERRY, CAMERON PARISH, LOUISIANA

SAMPLE NUMBER	SAMPLE LOCATION AND RATIONALE
23	Low concentration drinking water well sample collected from Hackberry Well #2. **Rationale:** To determine if hazardous constituents attributed to the site have entered the Hackberry water supply. QA/QC.
24	Low concentration drinking water well sample collected from Hackberry Well #3. **Rationale:** To determine if hazardous constituents attributed to the site have entered the Hackberry water supply. QA/QC.
25	Low concentration drinking water well sample collected from Hackberry Well #2. **Rationale:** To serve as the water matrix duplicate sample for the EPA laboratory.
26	Trip Blank. **Rationale:** To meet EPA laboratory protocols.
27	Trip Blank. **Rationale:** To meet CLP laboratory protocols.